

I, a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below my signature.

I believe that I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**LIGAND ANALYSIS,**

the specification of which was **filed on March 10, 2004 as Application Number 10/797,551.**

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim the benefit under Title 35, United States Code, § 119(e)(1) of the following United States provisional applications:

| <u>U.S. Serial Number</u> | <u>Filing Date</u> | <u>Status</u> |
|---------------------------|--------------------|---------------|
| 60/453,473                | 03/10/2003         | Abandoned     |
| 60/453,457                | 03/10/2003         | Abandoned     |
| 60/460,910                | 04/07/2003         | Abandoned     |
| 60/463,025                | 04/15/2003         | Abandoned     |
| 60/502,670                | 09/12/2003         | Abandoned     |

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John W. Freeman, Reg. No. 29,066  
Louis Myers, Reg. No. 35,965

John Hayden, Reg. No. 37,640  
Catherine M. McCarty, Reg. No. 54,301

Direct all telephone calls to Louis Myers at telephone number: 617-542-5070.

Direct all correspondence to the following **PTO customer number: 26161**

The following table lists the joint inventors, who execute this document the specified pages:

| <u>Inventor:</u>   | <u>Executed on:</u> |
|--------------------|---------------------|
| Can D. Akyuz       | Page 2              |
| D. Allen Annis     | Page 2              |
| William H. Lee     | Page 2              |
| Gergely M. Makara  | Page 2              |
| Ciamac C. Moallemi | Page 2              |
| Huw M. Nash        | Page 3              |
| Zhongli Zheng      | Page 3              |

I hereby declare that all statements herein made of my own knowledge are true and that all statements herein made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: Can D. Akyuz

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence Address: \_\_\_\_\_

New Brunswick, NJ

Citizenship: \_\_\_\_\_

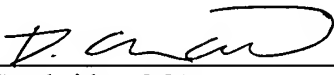
United States

Post Office Address: \_\_\_\_\_

1 Richmond Street, Apt. 1070

New Brunswick, NJ 08901

Full Name of Inventor: D. Allen Annis

Inventor's Signature: 

Date: 9/2/2004

Residence Address: \_\_\_\_\_

Cambridge, MA

Citizenship: \_\_\_\_\_

United States

Post Office Address: \_\_\_\_\_

14 Remington Street, Apt. 101

Cambridge, MA 02138

Full Name of Inventor: William H. Lee

Inventor's Signature: 

Date: 9/2/2004

Residence Address: \_\_\_\_\_

Framingham, MA

Citizenship: \_\_\_\_\_

United States

Post Office Address: \_\_\_\_\_

4 Saxony Road

Framingham, MA 01701

Full Name of Inventor: Gergely M. Makara

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence Address: \_\_\_\_\_

Norwood, MA

Citizenship: \_\_\_\_\_

Hungary

Post Office Address: \_\_\_\_\_

36 Talbot Ave

Norwood, MA 02062

Full Name of Inventor: Ciamac C. Moallemi

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence Address: \_\_\_\_\_

Stanford, CA

Citizenship: \_\_\_\_\_

United States

Post Office Address: \_\_\_\_\_

IS Lab, Packard 274

350 Serra Mall

Stanford, CA 94035

Full Name of Inventor:

Huw M. Nash

Inventor's Signature:



Date:

9/8/04

Residence Address:

Cambridge, MA

Citizenship:

United States

Post Office Address:

109 River Street, Unit 3-B  
Cambridge, MA 02139

Full Name of Inventor:

Zhongli Zheng

Inventor's Signature:

\_\_\_\_\_

Date:

\_\_\_\_\_

Residence Address:

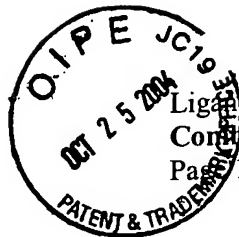
Lexington, MA

Citizenship:

United States

Post Office Address:

640 Marrett Road  
Lexington, MA 02421



Ligand Analysis.

**Combined Declaration and Power of Attorney**

Page 1 of 3

Attorney docket number: 10845-045001

Application number: 10/797,551

Filing date: March 10, 2004

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below my signature.

I believe that I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**LIGAND ANALYSIS,**

the specification of which was **filed on March 10, 2004 as Application Number 10/797,551.**

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim the benefit under Title 35, United States Code, § 119(e)(1) of the following United States provisional applications:

| <u>U.S. Serial Number</u> | <u>Filing Date</u> | <u>Status</u> |
|---------------------------|--------------------|---------------|
| 60/453,473                | 03/10/2003         | Abandoned     |
| 60/453,457                | 03/10/2003         | Abandoned     |
| 60/460,910                | 04/07/2003         | Abandoned     |
| 60/463,025                | 04/15/2003         | Abandoned     |
| 60/502,670                | 09/12/2003         | Abandoned     |

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John W. Freeman, Reg. No. 29,066

John Hayden, Reg. No. 37,640

Louis Myers, Reg. No. 35,965

Catherine M. McCarty, Reg. No. 54,301

Direct all telephone calls to Louis Myers at telephone number: 617-542-5070.

Direct all correspondence to the following **PTO customer number: 26161**

The following table lists the joint inventors, who execute this document the specified pages:

| <u>Inventor:</u>   | <u>Executed on:</u> |
|--------------------|---------------------|
| Can D. Akyuz       | Page 2              |
| D. Allen Annis     | Page 2              |
| William H. Lee     | Page 2              |
| Gergely M. Makara  | Page 2              |
| Ciamac C. Moallemi | Page 2              |
| Huw M. Nash        | Page 3              |
| Zhongli Zheng      | Page 3              |

I hereby declare that all statements herein made of my own knowledge are true and that all statements herein made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: Can D. Akyuz

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: New Brunswick, NJ  
Citizenship: United States  
Post Office Address: 1 Richmond Street, Apt. 1070  
New Brunswick, NJ 08901

Full Name of Inventor: D. Allen Annis

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Cambridge, MA  
Citizenship: United States  
Post Office Address: 14 Remington Street, Apt. 101  
Cambridge, MA 02138


Full Name of Inventor: William H. Lee

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Framingham, MA  
Citizenship: United States  
Post Office Address: 4 Saxony Road  
Framingham, MA 01701

Full Name of Inventor: Gergely M. Makara

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Norwood, MA  
Citizenship: Hungary  
Post Office Address: 36 Talbot Ave  
Norwood, MA 02062

Full Name of Inventor: Ciamac C. Moallemi

Inventor's Signature:  \_\_\_\_\_ Date: 8/31/04  
Residence Address: Stanford, CA  
Citizenship: United States  
Post Office Address: IS Lab, Packard 274  
350 Serra Mall  
Stanford, CA 94035

Full Name of Inventor:           Huw M. Nash

Inventor's Signature:           \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address:           Cambridge, MA  
Citizenship:                   United States  
Post Office Address:           109 River Street, Unit 3-B  
                                     Cambridge, MA 02139

Full Name of Inventor:           Zhongli Zheng

Inventor's Signature:           \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address:           Lexington, MA  
Citizenship:                   United States  
Post Office Address:           640 Marrett Road  
                                     Lexington, MA 02421



As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below my signature.

I believe that I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**LIGAND ANALYSIS,**

the specification of which was **filed on March 10, 2004 as Application Number 10/797,551.**

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim the benefit under Title 35, United States Code, § 119(e)(1) of the following United States provisional applications:

| <u>U.S. Serial Number</u> | <u>Filing Date</u> | <u>Status</u> |
|---------------------------|--------------------|---------------|
| 60/453,473                | 03/10/2003         | Abandoned     |
| 60/453,457                | 03/10/2003         | Abandoned     |
| 60/460,910                | 04/07/2003         | Abandoned     |
| 60/463,025                | 04/15/2003         | Abandoned     |
| 60/502,670                | 09/12/2003         | Abandoned     |

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John W. Freeman, Reg. No. 29,066  
Louis Myers, Reg. No. 35,965

John Hayden, Reg. No. 37,640  
Catherine M. McCarty, Reg. No. 54,301

Direct all telephone calls to Louis Myers at telephone number: 617-542-5070.

Direct all correspondence to the following **PTO customer number: 26161**

The following table lists the joint inventors, who execute this document the specified pages:

| <u>Inventor:</u>   | <u>Executed on:</u> |
|--------------------|---------------------|
| Can D. Akyuz       | Page 2              |
| D. Allen Annis     | Page 2              |
| William H. Lee     | Page 2              |
| Gergely M. Makara  | Page 2              |
| Ciamac C. Moallemi | Page 2              |
| Huw M. Nash        | Page 3              |
| Zhongli Zheng      | Page 3              |

I hereby declare that all statements herein made of my own knowledge are true and that all statements herein made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: Can D. Akyuz

Inventor's Signature: \_\_\_\_\_

Date: 2004.07.22

Residence Address:

New Brunswick, NJ

Citizenship:

United States

Post Office Address:

1 Richmond Street, Apt. 1070  
New Brunswick, NJ 08901

Full Name of Inventor:

D. Allen Annis

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence Address:

Cambridge, MA

Citizenship:

United States

Post Office Address:

14 Remington Street, Apt. 101  
Cambridge, MA 02138

Full Name of Inventor:

William H. Lee

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence Address:

Framingham, MA

Citizenship:

United States

Post Office Address:

4 Saxony Road  
Framingham, MA 01701

Full Name of Inventor:

Gergely M. Makara

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence Address:

Norwood, MA

Citizenship:

Hungary

Post Office Address:

36 Talbot Ave  
Norwood, MA 02062

Full Name of Inventor:

Ciamac C. Moallemi

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence Address:

Stanford, CA

Citizenship:

United States

Post Office Address:

IS Lab, Packard 274  
350 Serra Mall  
Stanford, CA 94035



Full Name of Inventor:           Huw M. Nash

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address:       Cambridge, MA  
Citizenship:               United States  
Post Office Address:       109 River Street, Unit 3-B  
                                  Cambridge, MA 02139

Full Name of Inventor:       Zhongli Zheng

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address:       Lexington, MA  
Citizenship:               United States  
Post Office Address:       640 Marrett Road  
                                  Lexington, MA 02421



As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below my signature.

I believe that I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**LIGAND ANALYSIS,**

the specification of which was **filed on March 10, 2004 as Application Number 10/797,551.**

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim the benefit under Title 35, United States Code, § 119(e)(1) of the following United States provisional applications:

| <u>U.S. Serial Number</u> | <u>Filing Date</u> | <u>Status</u> |
|---------------------------|--------------------|---------------|
| 60/453,473                | 03/10/2003         | Abandoned     |
| 60/453,457                | 03/10/2003         | Abandoned     |
| 60/460,910                | 04/07/2003         | Abandoned     |
| 60/463,025                | 04/15/2003         | Abandoned     |
| 60/502,670                | 09/12/2003         | Abandoned     |

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John W. Freeman, Reg. No. 29,066  
Louis Myers, Reg. No. 35,965

John Hayden, Reg. No. 37,640  
Catherine M. McCarty, Reg. No. 54,301

Direct all telephone calls to Louis Myers at telephone number: 617-542-5070.

Direct all correspondence to the following **PTO customer number: 26161**

The following table lists the joint inventors, who execute this document the specified pages:

| <u>Inventor:</u>          | <u>Executed on:</u> |
|---------------------------|---------------------|
| <b>Can D. Akyuz</b>       | Page 2              |
| <b>D. Allen Annis</b>     | Page 2              |
| <b>William H. Lee</b>     | Page 2              |
| <b>Gergely M. Makara</b>  | Page 2              |
| <b>Ciamac C. Moallemi</b> | Page 2              |
| <b>Huw M. Nash</b>        | Page 3              |
| <b>Zhongli Zheng</b>      | Page 3              |

I hereby declare that all statements herein made of my own knowledge are true and that all statements herein made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: Can D. Akyuz

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: New Brunswick, NJ  
Citizenship: United States  
Post Office Address: 1 Richmond Street, Apt. 1070  
New Brunswick, NJ 08901

Full Name of Inventor: D. Allen Annis

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Cambridge, MA  
Citizenship: United States  
Post Office Address: 14 Remington Street, Apt. 101  
Cambridge, MA 02138

Full Name of Inventor: William H. Lee

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Framingham, MA  
Citizenship: United States  
Post Office Address: 4 Saxony Road  
Framingham, MA 01701

Full Name of Inventor: Gergely M. Makara

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Norwood, MA  
Citizenship: Hungary  
Post Office Address: 36 Talbot Ave  
Norwood, MA 02062


Full Name of Inventor: Ciamac C. Moallemi

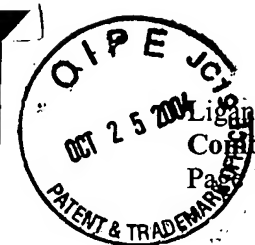
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Stanford, CA  
Citizenship: United States  
Post Office Address: IS Lab, Packard 274  
350 Serra Mall  
Stanford, CA 94035

Full Name of Inventor: Huw M. Nash

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Cambridge, MA  
Citizenship: United States  
Post Office Address: 109 River Street, Unit 3-B  
Cambridge, MA 02139

Full Name of Inventor: Zhongli Zheng

Inventor's Signature:  Date: 7/26/04  
Residence Address: Lexington, MA  
Citizenship: United States  
Post Office Address: 640 Marrett Road  
Lexington, MA 02421



As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below my signature.

I believe that I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**LIGAND ANALYSIS,**

the specification of which was **filed on March 10, 2004 as Application Number 10/797,551.**

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim the benefit under Title 35, United States Code, § 119(e)(1) of the following United States provisional applications:

| <u>U.S. Serial Number</u> | <u>Filing Date</u> | <u>Status</u> |
|---------------------------|--------------------|---------------|
| 60/453,473                | 03/10/2003         | Abandoned     |
| 60/453,457                | 03/10/2003         | Abandoned     |
| 60/460,910                | 04/07/2003         | Abandoned     |
| 60/463,025                | 04/15/2003         | Abandoned     |
| 60/502,670                | 09/12/2003         | Abandoned     |

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John W. Freeman, Reg. No. 29,066

John Hayden, Reg. No. 37,640

Louis Myers, Reg. No. 35,965

Catherine M. McCarty, Reg. No. 54,301

Direct all telephone calls to Louis Myers at telephone number: 617-542-5070.

Direct all correspondence to the following **PTO customer number: 26161**

The following table lists the joint inventors, who execute this document the specified pages:

| <u>Inventor:</u>          | <u>Executed on:</u> |
|---------------------------|---------------------|
| <b>Can D. Akyuz</b>       | Page 2              |
| <b>D. Allen Annis</b>     | Page 2              |
| <b>William H. Lee</b>     | Page 2              |
| <b>Gergely M. Makara</b>  | Page 2              |
| <b>Ciamac C. Moallemi</b> | Page 2              |
| <b>Huw M. Nash</b>        | Page 3              |
| <b>Zhongli Zheng</b>      | Page 3              |

I hereby declare that all statements herein made of my own knowledge are true and that all statements herein made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: Can D. Akyuz

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: New Brunswick, NJ  
Citizenship: United States  
Post Office Address: 1 Richmond Street, Apt. 1070  
New Brunswick, NJ 08901

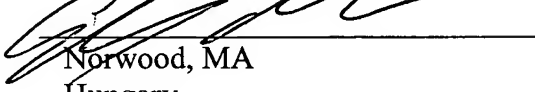
Full Name of Inventor: D. Allen Annis

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Cambridge, MA  
Citizenship: United States  
Post Office Address: 14 Remington Street, Apt. 101  
Cambridge, MA 02138

Full Name of Inventor: William H. Lee

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Framingham, MA  
Citizenship: United States  
Post Office Address: 4 Saxony Road  
Framingham, MA 01701

Full Name of Inventor: Gergely M. Makara

Inventor's Signature:  \_\_\_\_\_ Date: 07/14/04  
Residence Address: Norwood, MA  
Citizenship: Hungary  
Post Office Address: 36 Talbot Ave  
Norwood, MA 02062

Full Name of Inventor: Ciamac C. Moallemi

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Stanford, CA  
Citizenship: United States  
Post Office Address: IS Lab, Packard 274  
350 Serra Mall  
Stanford, CA 94035

Full Name of Inventor: Huw M. Nash

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Cambridge, MA  
Citizenship: United States  
Post Office Address: 109 River Street, Unit 3-B  
Cambridge, MA 02139

Full Name of Inventor: Zhongli Zheng

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Lexington, MA  
Citizenship: United States  
Post Office Address: 640 Marrett Road  
Lexington, MA 02421